



09.08.03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/603,415 Confirmation No.: Unknown
First Named Inventor: Barton, Roger W. Filing Date: 24 June 2003
Group Art Unit: Unknown Examiner: Unknown
Atty. Docket No.: CT-S090-1D US Candescent Docket No.: CT-S090-1D
Title: Structure and Fabrication of Flat-Panel Display Having Spacer with Rough Face for Inhibiting Secondary Electron Escape
Assignees: Candescent Technologies Corporation,
Candescent Intellectual Property Services, Inc., and
Advanced Technology Materials, Inc.

COMMISSIONER FOR PATENTS
PO Box 1450
Alexandria, Virginia 22313-1450

POWER OF ATTORNEY BY ASSIGNEES OF ENTIRE INTEREST

Sir:

The above-identified assignees, Candescent Technologies Corporation ("CTC"), a California corporation, Candescent Intellectual Property Services, Inc. ("CIPS"), a Delaware corporation, and Advanced Technology Materials, Inc., a Delaware corporation, hereby revoke all powers of attorney previously given and appoint the attorney(s) and/or agent(s) identified below to prosecute the above-identified patent application and to transact all business in the United States Patent and Trademark Office ("USPTO") in connection therewith:

Duke K. Amaniampong, Reg. No. 45,806
Ronald J. Meetin, Reg. No. 29,089
John P. Wagner, Reg. No. 35,398

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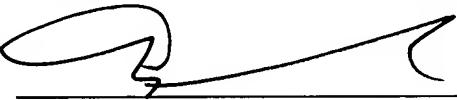
ASSIGNEE CERTIFICATION UNDER 37 CFR 3.73(b)

The undersigned representatives of the above-identified assignees certify that the above-identified assignees are the assignees of the entire right, title, and interest in the above-identified application by virtue of:

- a. An assignment (potentially executed in counterpart) from inventor(s) Roger W. Barton, Kollengode S. Narayanan, Bob L. Mackey, John M. Macaulay, George B. Hopple, Donald R. Schropp, Jr., Michael J. Nystrom, Sudhakar Gopalakrishnan, and Shiyou Pei to CTC on 15 March 1999, 14 April 1999, and 13 May 1999 for U.S. patent application 09/210,085 whose priority is claimed in the above-identified application, the assignment having been recorded in the USPTO at Reel 09960, Frame 0298;
- b. The Intellectual Property Assignment Agreement effective 5 December 2000 by which CIPS became an undivided joint owner with CTC of all then-existing and future U.S. patent applications, including the above-identified application, assigned wholly or in part to CTC, the Intellectual Property Assignment Agreement having been recorded multiple times at the USPTO, including at Reel 11848, Frame 0040; and
- c. An assignment (potentially executed in counterpart) from inventor Xueping Xu to Advanced Technology Materials, Inc., on 11 March 1999 for U.S. patent application 09/210,085 whose priority is claimed in the above-identified application, the assignment having been recorded in the USPTO at Reel 09960, Frame 0298.

The undersigned persons (whose titles are supplied below for the above-identified assignees) are empowered to sign this certification/power of attorney on behalf of the above-identified assignees.

Assignee: Candescence Technologies Corporation

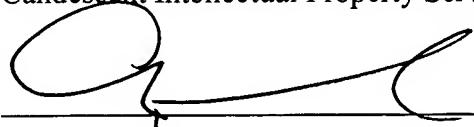
Signature: 

Date: 8/28/03

Name: Duke K. Amaniampong

Title: President and CEO

Assignee: Candescence Intellectual Property Services, Inc.

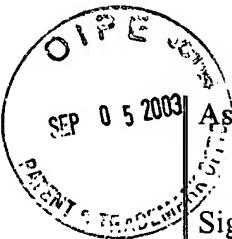
Signature: 

Date: 8/28/03

Name: Duke K. Amaniampong

Title: President and CEO

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Attorney at Law
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Assignee: Advanced Technology Materials, Inc.

Signature:

Douglas Neugold

Date:

8/5/03

Name:

DOUGLAS NEUGOLD

Title:

PRESIDENT, COO

EXPRESS MAIL LABEL NO:

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